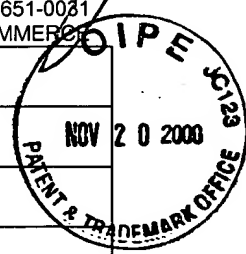


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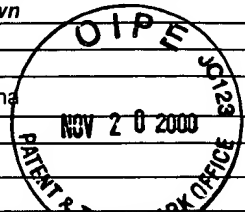
0001/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Application Number	09/615,383
TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>				Filing Date	July 13, 2000
				First Named Inventor	Marc S. Casalaina
				Group Art Unit Number	2782
				Examiner Name	Unknown
Total Number of Pages in This Submission		11	Attorney Docket Number		21113-04968

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input checked="" type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) []
<input type="checkbox"/> Assignment & Recordation Cover Sheet	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Cited References	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/>
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/>
<input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final	<input type="checkbox"/>
<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Power of Attorney	<input type="checkbox"/>

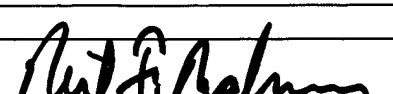
REMARKS:

SIGNATURE OF ATTORNEY OR AGENT			
Signature:	<i>Neil F. Maloney</i>		
Attorney/Reg. No.:	Neil F. Maloney, Reg. No. 42,833	Dated:	November 15, 2000

CERTIFICATE OF MAILING			
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Signature:	<i>Neil F. Maloney</i>		
Typed or Printed Name:	Neil F. Maloney	Dated:	November 15, 2000
Express Mail Mailing Number (optional):			

0002/PTO(modified) Rev. 10/2000	U.S. Department of Commerce Patent and Trademark Office	Complete if Known Application Number: 09/615,383 Filing Date: July 13, 2000 First Named Inventor: Marc S. Casalaina Group Art Unit: 2782 Examiner Name: Unknown Attorney Docket Number: 21113-04968
FEE TRANSMITTAL		
TOTAL AMOUNT OF PAYMENT		
Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$ 653.00)		

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																										
1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account. <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. [†] <input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP A Duplicate Copy of this authorization is attached 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Other	3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code/Fee</th> <th>Small Entity Fee Code/Fee</th> <th>Fee Description</th> <th>Fee Due</th> </tr> </thead> <tbody> <tr> <td>105/\$130</td> <td>205/\$65</td> <td>Surcharge - late filing fee or oath</td> <td>65</td> </tr> <tr> <td>127/\$50</td> <td>227/\$25</td> <td>Surcharge-late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>147/\$2,520</td> <td>147/\$2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>115/\$110</td> <td>215/\$55</td> <td>Extension for response within first month[†]</td> <td></td> </tr> <tr> <td>116/\$390</td> <td>216/\$195</td> <td>Extension for response within second month[†]</td> <td></td> </tr> <tr> <td>117/\$890</td> <td>217/\$445</td> <td>Extension for response within third month[†]</td> <td></td> </tr> <tr> <td>118/\$1,390</td> <td>218/\$695</td> <td>Extension for response within fourth month[†]</td> <td></td> </tr> <tr> <td>128/\$1,890</td> <td>228/\$945</td> <td>Extension for response within fifth month[†]</td> <td></td> </tr> <tr> <td>119/\$310</td> <td>219/\$155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>141/\$1,240</td> <td>241/\$620</td> <td>Petition to revive unintentionally abandoned application</td> <td></td> </tr> <tr> <td>142/\$1,240</td> <td>242/\$620</td> <td>Utility Issue Fee (Or Reissue)</td> <td></td> </tr> <tr> <td>143/\$440</td> <td>243/\$220</td> <td>Design Issue Fee</td> <td></td> </tr> <tr> <td>122/\$130</td> <td>122/\$130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>126/\$180</td> <td>126/\$180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>179/\$710</td> <td>279/\$355</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>581/\$40</td> <td>581/\$40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146/\$710</td> <td>246/\$355</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149/\$710</td> <td>249/\$355</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td colspan="2">Other fee (specify):</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Other fee (specify):</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$ 65)</td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	65	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet		147/\$2,520	147/\$2,520	For filing a request for reexamination		115/\$110	215/\$55	Extension for response within first month [†]		116/\$390	216/\$195	Extension for response within second month [†]		117/\$890	217/\$445	Extension for response within third month [†]		118/\$1,390	218/\$695	Extension for response within fourth month [†]		128/\$1,890	228/\$945	Extension for response within fifth month [†]		119/\$310	219/\$155	Notice of Appeal		141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application		142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)		143/\$440	243/\$220	Design Issue Fee		122/\$130	122/\$130	Petitions to the Commissioner		126/\$180	126/\$180	Submission of Information Disclosure Statement		179/\$710	279/\$355	Request for Continued Examination (RCE)		581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)		146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1.129(a))		149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify):				Other fee (specify):				SUBTOTAL (3)			(\$ 65)		
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SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name		Reg. Number	42,833
Signature	Neil F. Maloney 	Date	November 15, 2000

[†] Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby
Rev. 09/30/2000

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PTO/SB/21 (modified)

Approved for use through xx/xx/xx, OMB 0651-003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0001/PTO
Rev. 10/95

U.S. Department of Commerce
Patent and Trademark Office

Application Number

09/615,383

Filing Date

July 13, 2000

First Named Inventor

Marc S. Casalaina

Group Art Unit Number

2782

Examiner Name

Unknown

Total Number of Pages in This Submission

6

Attorney Docket Number

21113-04968

TRANSMITTAL FORM

To be used for all correspondence during pendency of
filed application)

ENCLOSURES (check all that apply)

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REMARKS:

SIGNATURE OF ATTORNEY OR AGENT

Signature:

Attorney/Reg. No.:

Neil F. Maloney, Reg. No. 42,833

Dated:

November 15, 2000

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Neil F. Maloney

Dated:

November 15, 2000

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APPLICANT: Marc S. Casalaina
APPLICATION NO.: 09/615,383
FILING DATE: July 13, 2000
TITLE: DELTA CACHING
EXAMINER: Unknown
GROUP ART UNIT: 2782
ATTY. DKT. NO.: 21113-04968

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Dated: November 15, 2000

By: Neil F. Maloney

Neil F. Maloney, Reg. No. 42,833

OFFICE OF INITIAL PATENT EXAMINER
CUSTOMER SERVICE CENTER
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

REQUEST FOR CORRECTED FILING RECEIPT

SIR:

Enclosed is a red-inked copy of the Official Filing Receipt. It contains the following error:

1. The Applicant's middle initial is erroneously stated as "C." Please correct Applicant's middle initial to "S" as evidenced by the executed Declaration, a copy of which is enclosed.

Please issue a corrected Filing Receipt rectifying this error.

Respectfully submitted,
MARC S. CASALAINA

Dated: November 15, 2000

By: Neil F. Maloney

Neil F. Maloney, Reg. No. 42,833

Attorney for Applicant
Fenwick & West LLP
Two Palo Alto Square
Palo Alto, CA 94306
Tel.: (415) 875-2477
Fax: (415) 281-1350



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/615,383 ✓	07/13/2000 ✓	2782	0	21113-04968 ✓	4 ✓	21 ✓	9 ✓

Neil F Maloney
 Fenwick & West LLP
 Two Palo Alto Square ✓
 Palo Alto, CA 94306

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OCT 30 2000

FENWICK WEST LLP

FILING RECEIPT



OC000000005478371

Date Mailed: 10/17/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) S.

Marc ~~E~~. Casalaina, San Jose, CA ; ✓

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 08/28/2000

Title

Delta caching ✓

Preliminary Class

710

Data entry by : LIEN, LUI

Team : OIPE

Date: 10/17/2000



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WASHINGTON, D.C. 20231
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Bib Data Sheet

SERIAL NUMBER 09/615,383	FILING DATE 07/13/2000 RULE —	CLASS 710	GROUP ART UNIT 2782	ATTORNEY DOCKET NO. 21113-04968
APPLICANTS Marc S. Casalaina, San Jose, CA ; ** CONTINUING DATA ***** ** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 08/28/2000 —				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature Initials		STATE OR COUNTRY CA	SHEETS DRAWING 4	TOTAL CLAIMS 21
INDEPENDENT CLAIMS 9				
ADDRESS Neil F Maloney Fenwick & West LLP Two Palo Alto Square Palo Alto ,CA 94306				
TITLE Delta caching				
FILING FEE RECEIVED 669	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE



APPLICANT: Marc S. Casalaina

APPLICATION NO.: 09/615,383

FILING DATE: July 13, 2000

TITLE: DELTA CACHING

EXAMINER: Unknown

GROUP ART UNIT: 2782

ATTY. DKT. NO.: 21113-04968

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Dated: November 15, 2000

By:

Neil F. Maloney, Reg. No. 42,833

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WASHINGTON, DC 20231

RESPONSE TO NOTICE TO FILE MISSING
PARTS OF APPLICATION

SIR:

Responsive to Notice to File Missing Parts dated October 17, 2000 received in the above-identified patent application, enclosed are:

- ☒ a copy of the Notice to File Missing Parts;
- ☒ an original, signed Declaration;
- ☒ a signed Verified Statement

- ☐ Applicant respectfully submits that since this application was entitled to Small Entity Status when filed, as established with the enclosed original, signed, Verified Statement, the fee for filing as a large entity as indicated in the Notice to File Missing Parts is inappropriate

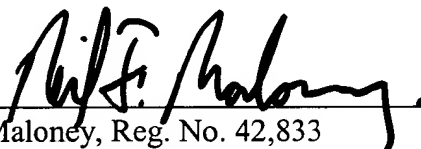
and that the filing fee submitted with this application as originally
filed is sufficient to cover the filing fees for this application;

☒ payment in the amount of \$653.00 for the application filing fee, additional
claims fee, and missing parts surcharge; and

☐ Other:

Respectfully submitted,
MARC C. CASALAINA

Dated: November 15, 2000

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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/615,383	07/13/2000	Marc C. Casalaina	21113-04968

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FORMALITIES LETTER



OC000000005478372

Date Mailed: 10/17/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$486.
 - \$18 for 1 total claims over 20.
 - \$468 for 6 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1306.

*A copy of this notice **MUST** be returned with the reply.*



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Initial Patent Examination Division (703) 308-1202

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01 FC:201		355.00 OP
02 FC:205		65.00 OP
03 FC:203		9.00 OP
04 FC:202	16.00 CH	224.00 OP

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